

ABSTRACT

A method and apparatus is described to beam split or combine light for multiple fiber optic channels in a single device. Multiple light beams may enter the device through an array of fiber ports with each port having a collimating
5 lens. The device includes a beamsplitter/combiner having a common optical aperture to simultaneously receive the light beams. The device may be used in laser amplification systems to combine lower power pump light beams into a single, higher power pump light beam.

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